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Total Number of Pages in This Submission

Application Number	10/071,917
Filing Date	February 8, 2002
First Named Inventor	Kim et al.
Art Unit	2616
Examiner Name	HOANG, THAI D
Attorney Docket Number	I-2-0176.3US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
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Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm Name	VOLPE AND KOENIG, P.C.
Signature	
Printed name	Thomas A. Mattioli
Date	January 22, 2007
	Reg. No. 56,773

CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name	Thomas A. Mattioli
Date	January 22, 2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Kim et al.

Application No.: 10/071,917

Our File: I-2-0176.3US

Confirmation No.: 3610

Date: January 22, 2007

Filed: February 8, 2002

For: SIMPLE BLOCK SPACE TIME
TRANSMIT DIVERSITY USING
MULTIPLE SPREADING CODES

Group: 2616

Examiner: HOANG, THAI D

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form. Newly cited documents are indicated by an asterisk (*). Copies of the cited documents are enclosed. Pursuant to 37 C.F.R. §1.98(a)(2)(ii), copies of the cited U.S. publications and/or patent documents have not been included.

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

Respectfully submitted,

Kim et al.

By Thomas A. Mattioli
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TAM/kpd
Enclosures



FORM PTO-1449
 U.S. DEPARTMENT OF COMMERCE
 PATENT AND TRADEMARK OFFICE
 INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT
 (Use several sheets if necessary)

ATTY. DOCKET NO.
 I-2-0176.3US

SERIAL NO.
 10/071,917

APPLICANT
 Kim et al.

FILING DATE
 February 8, 2002

GROUP
 2616

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,652,764	07/1997	Kanzaki et al.			
	6,115,406	05/2000	Mesecher et al.			
*	6,564,645	05/2003	Nakano et al.			
	6,628,702	09/2003	Rowitch et al.			
	6,775,260	08/2004	Dabak et al.			
	7,020,175	03/2006	Frank			
	2002/0090038	07/2002	Dabak et al.			
	2002/0181430	12/2002	Thomas et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
*	1182990	05/1998	CN				
	0957604	11/1999	EP				
	0993129	04/2000	EP				
	0996234	04/2000	EP				
	0105060	01/2000	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

*	Dabak, A.; Hosur, S.; Negi, R.; Space Time Block Coded Transmit Antenna Diversity Scheme For WCDMA, Wireless Communications and Networking Conference, 1999. WCNC. 1999, IEEE (September 1999), Vol. 3, pp. 1466-1469
*	Li Gang; Zhao Ming; Yao Yan; the Implement of Optimum Demodulator for STTD in WCDMA, Communication Technology Proceedings, 2000. WCC-ICCT 2000. International Conference on, (August 2000), Vol. 2, pp. 1534-1537
*	Kocian, A.; Fleury, B.H.; Iterative Joint Symbol Detection and Channel Estimation for DS/CDMA Via the SAGE Algorithm, Personal, Indoor and Mobile Ratio Communications, 2000. PIMRC 2000. The 11th IEEE International Symposium on, IEEE (September 2000), Vol. 2, pp. 1410-1414

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)			ATTY. DOCKET NO. I-2-0176.3US		SERIAL NO. 10/071,917		
			APPLICANT Kim et al.				
			FILING DATE February 8, 2002		GROUP 2616		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		2003/0021352	01/2003	Benning			
		2003/0067993	04/2003	Viswanathan			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
		0024133	04/2000	WO			
		0064073	10/2000	WO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		ETSI TS 125 224 V 3.4.0 (2000-09), Universal Mobile Telecommunications System (UMTS); Physical Layer Procedures (TDD) (3GPP TS 25.224 version 3.4.0 Release 1999)					
		ETSI TS 125 224 V4.2.0 (2001-09), Universal Mobile Telecommunications System (UMTS); Physical Layer Procedures (TDD) (3GPP TS 25.224 version 4.2.0 Release 4)					

EXAMINER	DATE CONSIDERED
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